

One twist ahead

# Twisted filament yarns

Our twisted filament yarn program based on different  
polymer systems

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### Applications:

- Wide range of our twisted filament yarns in different applications
- Our filament yarns are used in weaving, braiding, knitting, warp knitting and other processes.
- Application areas includes, for example: MobilTech, HomeTech, Indutech, ProTech, BuildTech, AirTech and MedTech.

### Produktvorteile:

- For further processing along the textile process chain, our yarns are developed according to individual requirements

High performance yarns	Titer	Tensile Strengths	Temp. Resistance
PA 6.6	55 dtex – 35000 dtex	60 – 75 cN/tex	150 °C
PES	56 dtex – 35000 dtex	60 – 82 cN/tex	150 °C
Dyneema	55 dtex – 6600 dtex	200 – 350 cN/tex	120 °C
HMPE	220 dtex – 1760 dtex	180 – 340 cN/tex	120 °C
Meta-Aramide	220 dtex – 1335 dtex	34 – 44 cN/tex	350 °C
Para-Aramide	215 dtex – 3300 dtex	190 – 245 cN/tex	420 °C
Peek	230 dtex – 1230 dtex	55 – 59 cN/tex	320 °C
PTFE	110 dtex – 440 dtex	25 – 35 cN/tex	350 °C
Filava	680 dtex – 24000 dtex	66 – 80 cN/tex	850 °C
Vectran	110 dtex – 1670 dtex	170 – 230 cN/tex	330 °C

Further high-performance yarns with different technical properties are available from our product range.

